FLORENCE AVENUE PLAYGROUND

Florence Avenue Arlington, MA

CBA Landscape Architects LLC

24 THORNDIKE STREET | CAMBRIDGE MA 02141 phone 617.945.9760 | www.cbaland.com | cba@cbaland.com landscape architecture | urban design | master planning

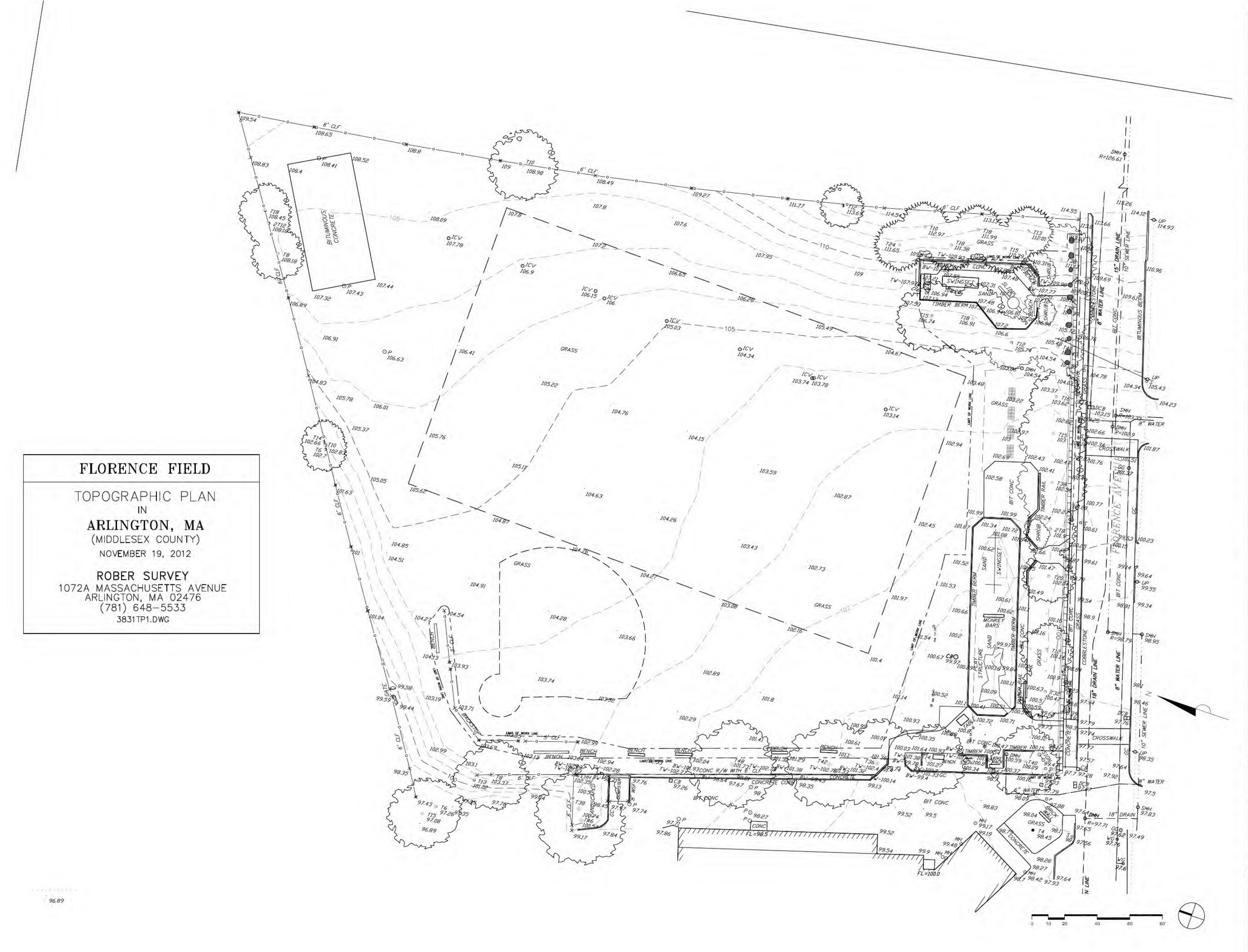
April 3, 2013

Construction Documents



DRAWING LIST - Project No. 601216

- XC Existing Conditions
- L1.0 Demolition Plan
- L1.1 Demolition Plan Backstop Area
- L2.0 Materials Plan
- L2.1 Materials Plan Backstop Area
- L3.0 Layout Plan
- L3.1 Layout Plan Enlargements
- L4.0 Grading, Utilties & Planting Plan
- L5.0 Site Details
- L5.1 Site Details
- L5.2 Site Details
- L5.3 Site Details

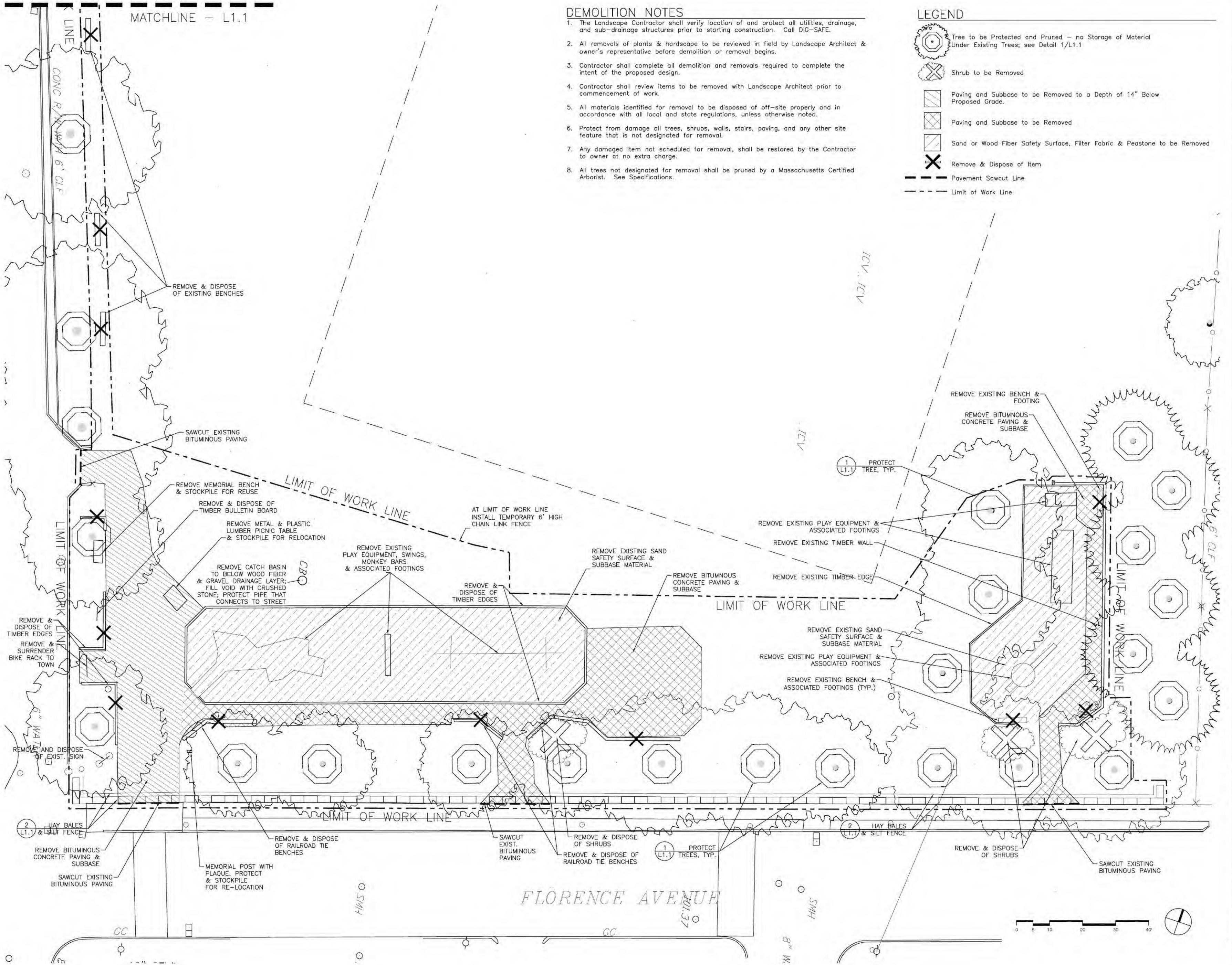


DATE: 04-03-2013 SCALE: 1" = 20' - 0"

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CKD BY: PROJ. #: 601216





Scape Architects LLC

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CBA Landscape Arc

FLORENCE AVENUE PLAYGROUND
Arlington, MA

DATE: 04-03-2013

SCALE: 1" = 10' - 0'

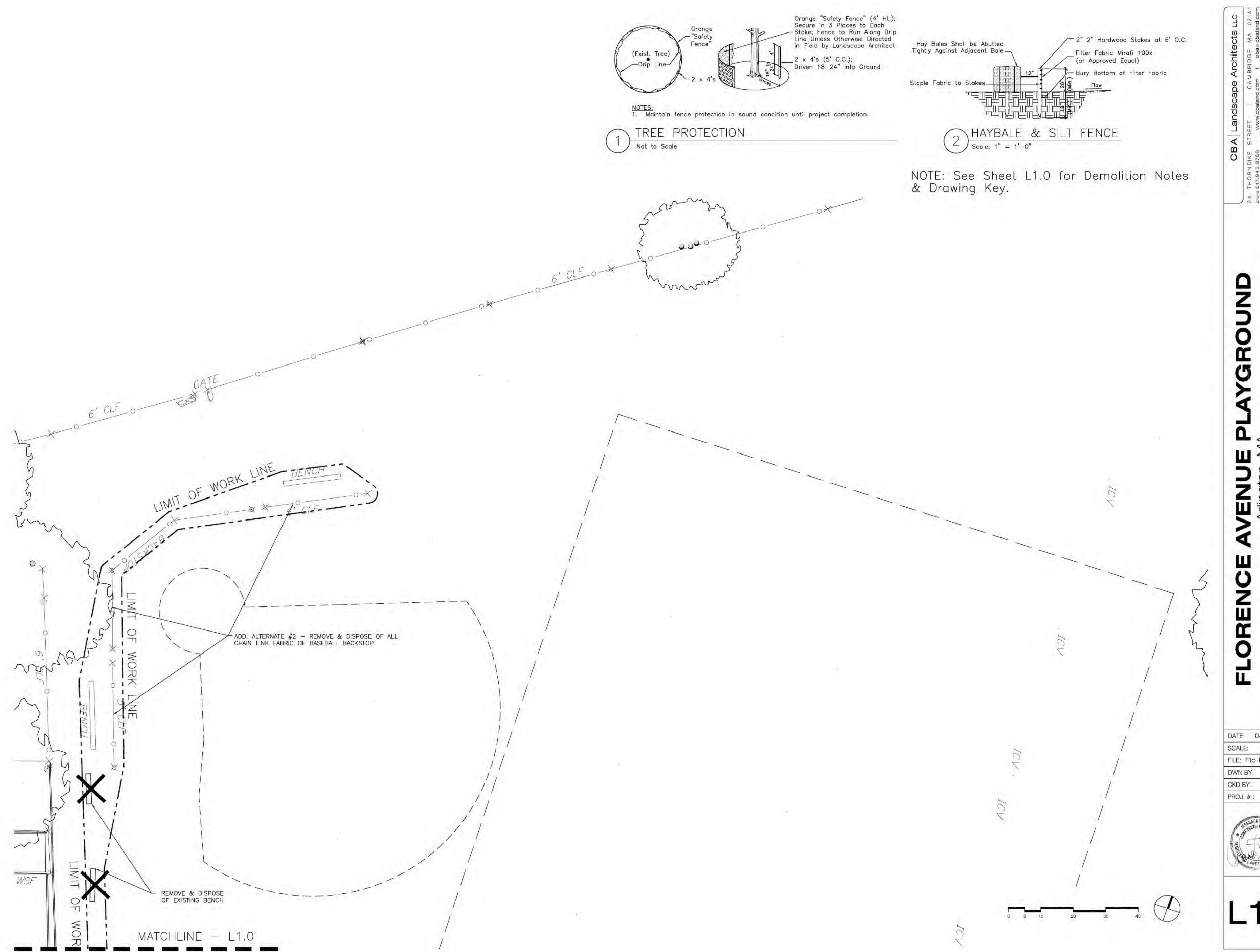
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PROJ. #: 601216

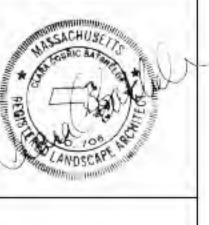


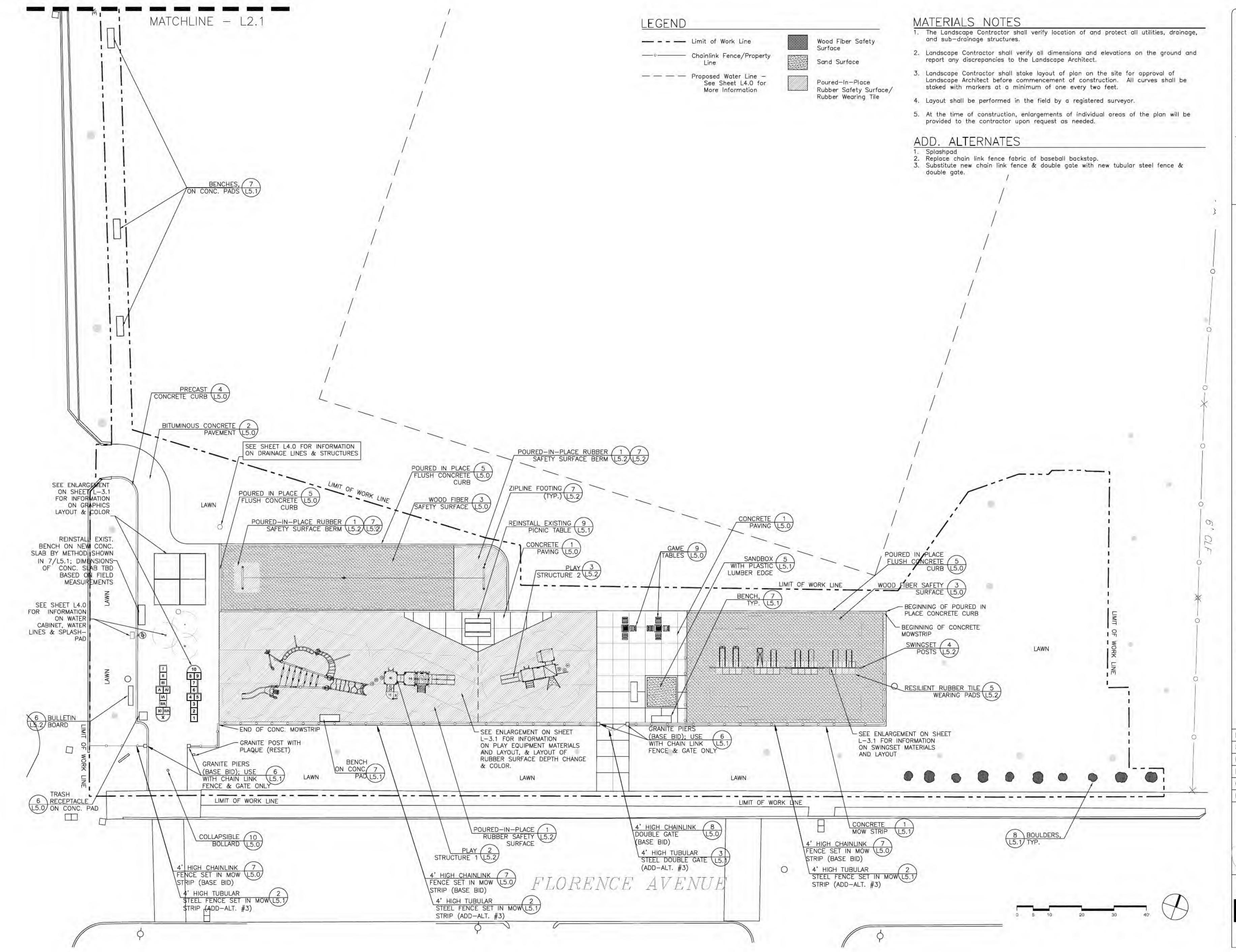
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DATE: 04-03-2013 SCALE: 1" = 10' - 0"

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DATE: 04-03-2013

SCALE: 1" = 10' - 0'

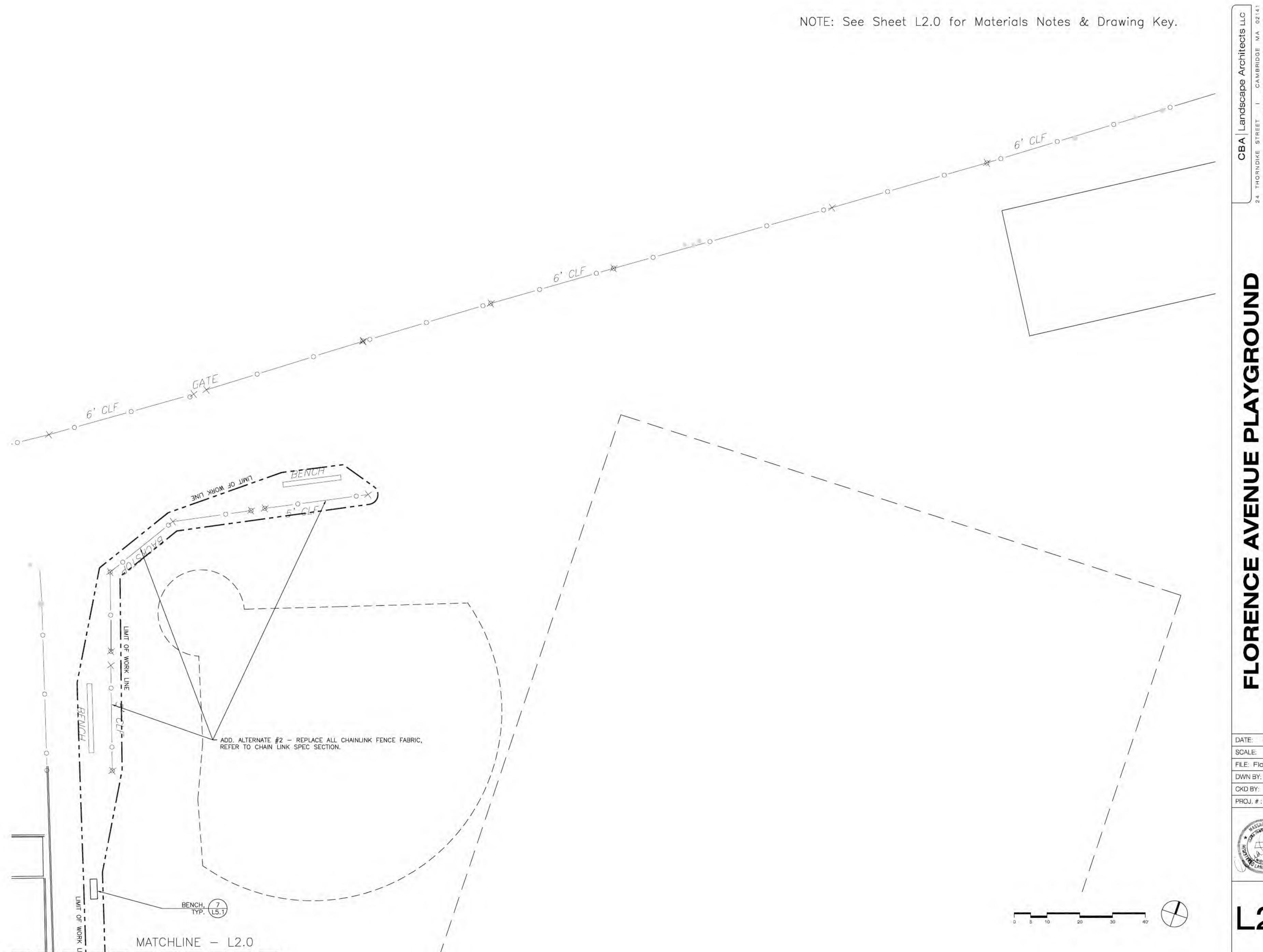
FILE: Flo-Base.dwg

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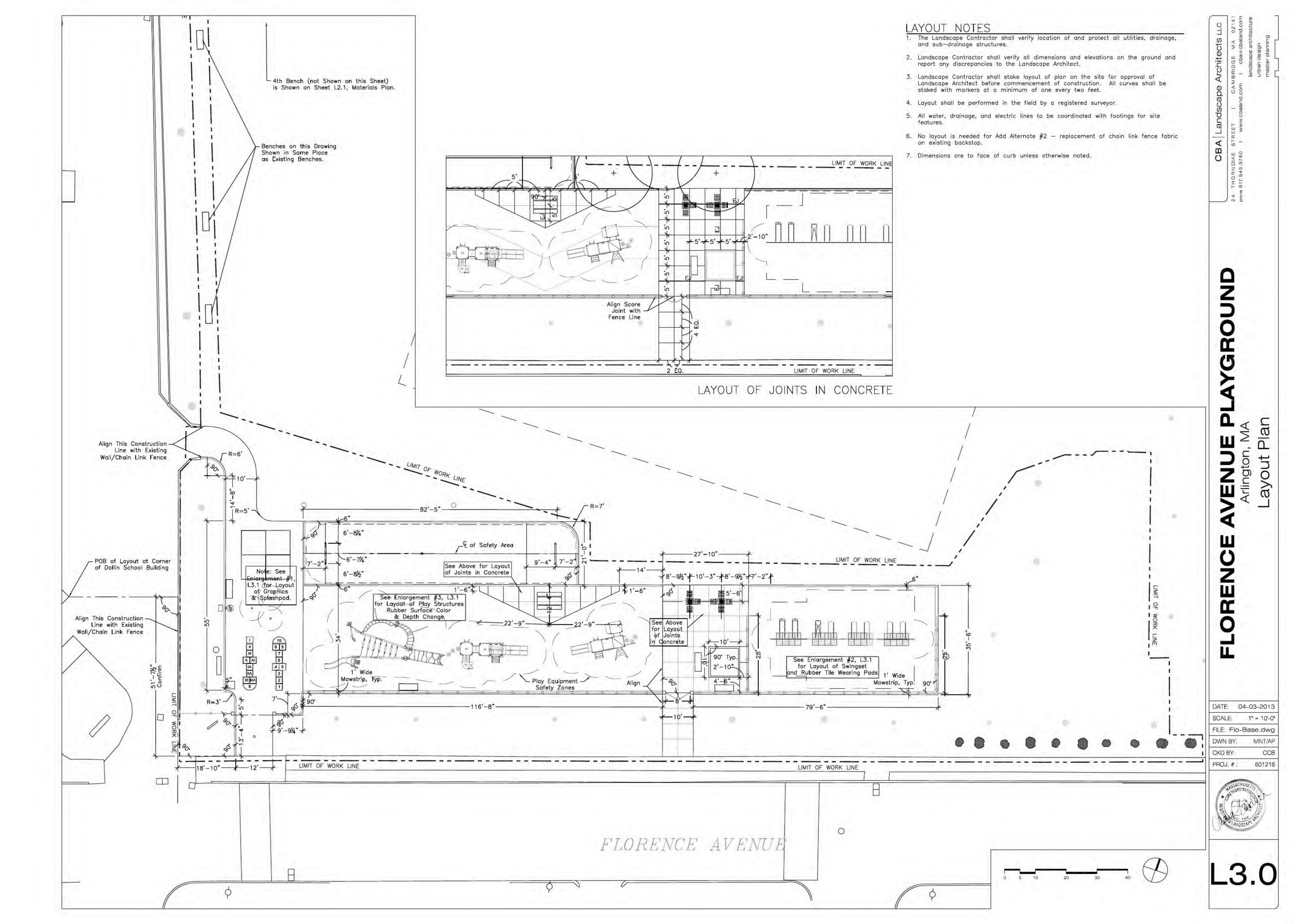
L2.0

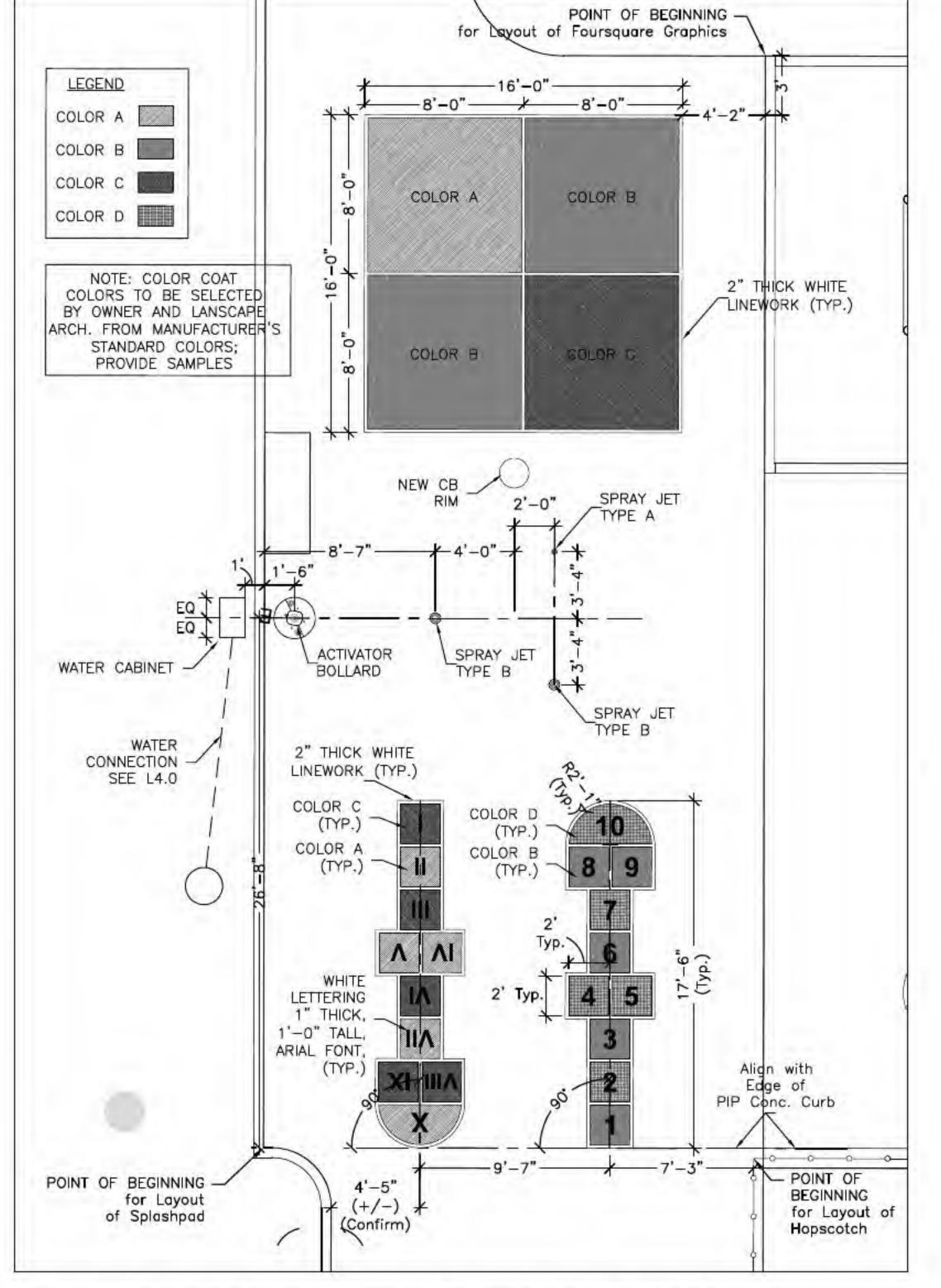


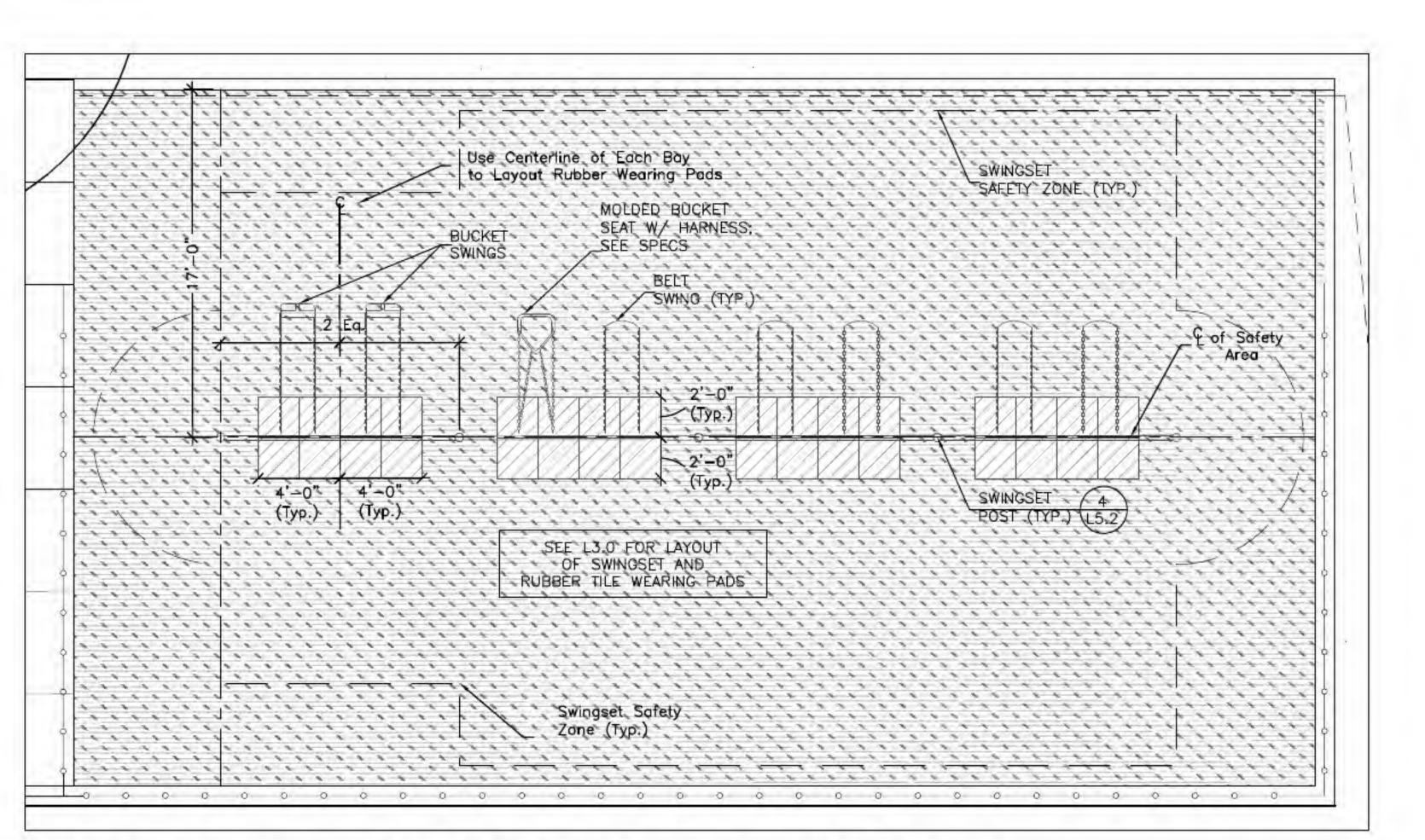
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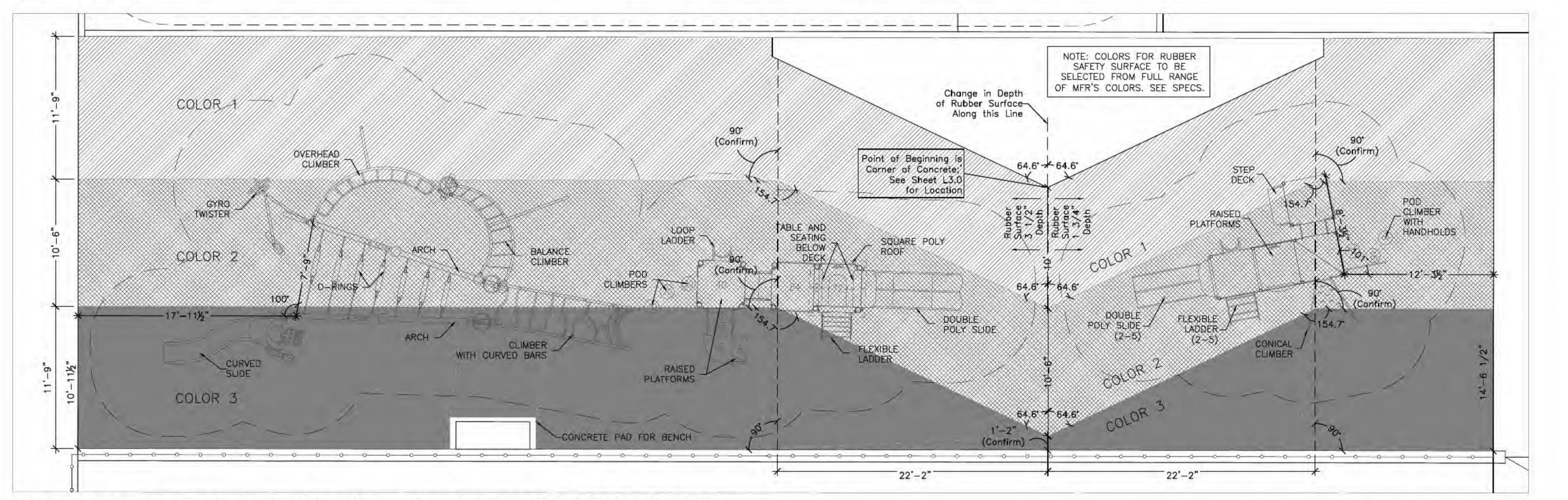




1 LAYOUT FOR SPLASHPAD AND GRAPHICS

| Scale: | | = 1'-0"

2 LAYOUT FOR SWINGSET AND RUBBER TILE WEARING PADS
Scale: 1/4' = 1'-0"



3 LAYOUT FOR PLAY EQUIPMENT AND RUBBER SURFACE COLOR & DEPTH Scale: 1/4' = 1'-0"

2 4 8 12 16'

ORENCE AVENUE PLAY
Arlington, MA

SCALE: 1'=4-'0'

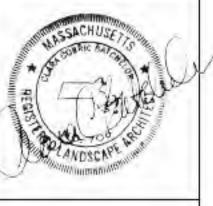
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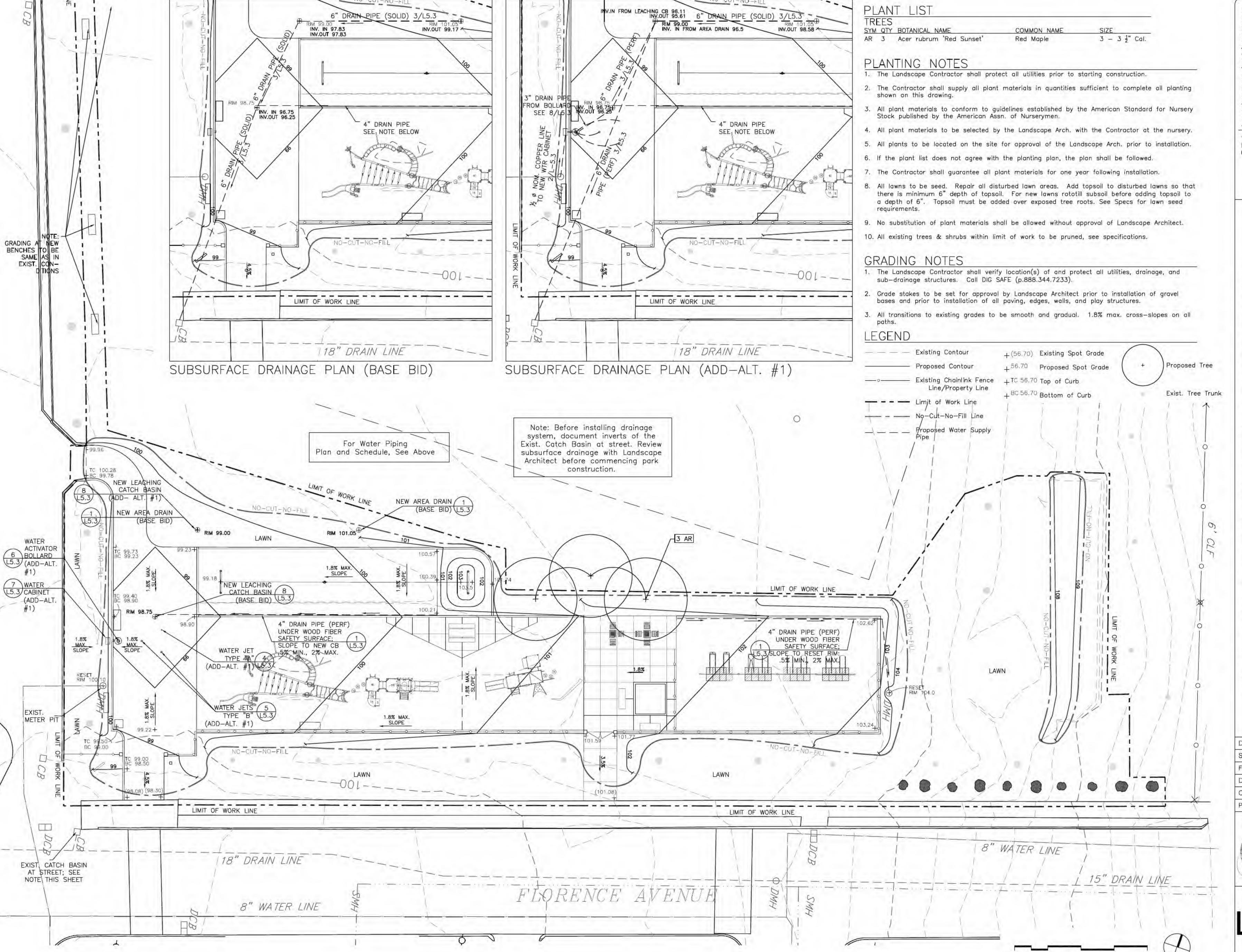
CKD BY: CCB

PROJ. #: 601216

DATE: 04-03-2013



L3.1



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Arlington, MA

DATE: 04-03-2013 SCALE: 1" = 10' - 0'

FILE: Flo-grading-planting.dwg
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CKD BY: CCB

PROJ. #: 601215

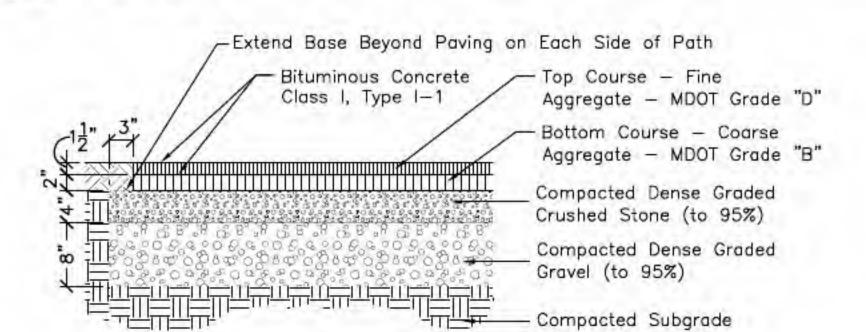


L4.0

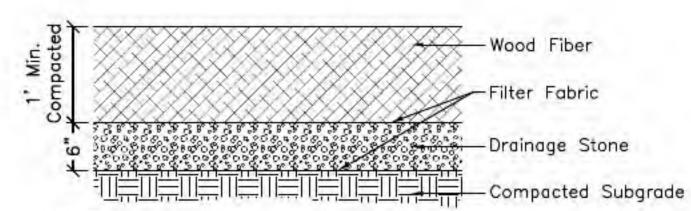
1. Score joints every 6' (maximum), both directions (see Plan). Expansion joints every 25' (maximum). Locate expansion joints where paving abuts structures, curbs, walls, or existing paving.

 Concrete to be 4000 PSI (28 days), light broom finish.
 All walks and plaza's shall slope to drain (1.8% maximum cross slope). Coordinate with existing grades.

1) CONCRETE PAVING



2 BIT. CONC. PAVING

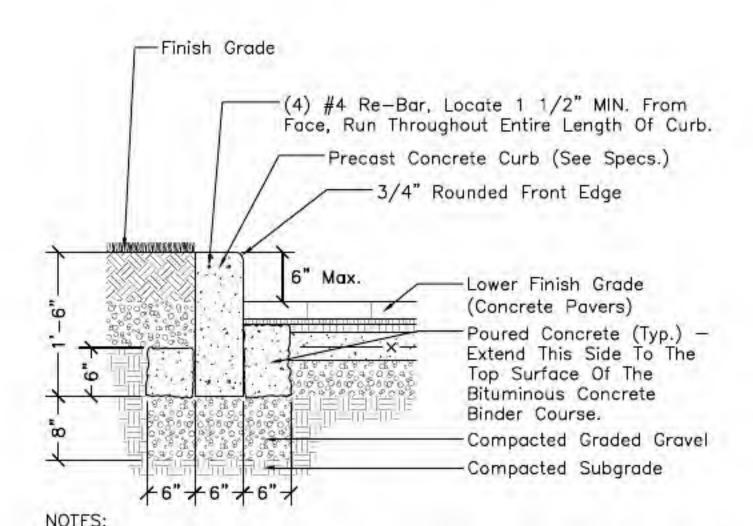


NOTES:

1. Depth of wood fiber to be 12" minimum AFTER COMPACTION.

WOOD FIBER SAFETY SURFACE

SCALE = 1"=1'-0"

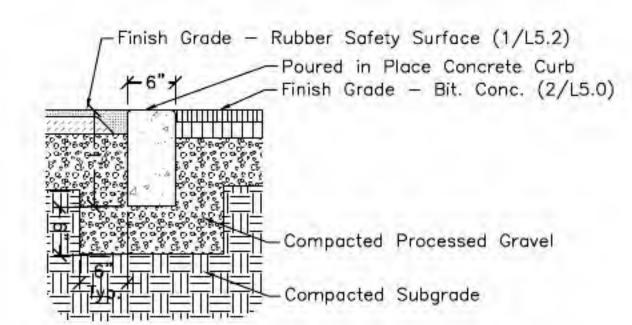


 Concrete To Be 5,000 PSI Air—Entrained, Super—Plasticized Top And 8" Down Front Face To Have Rubbed Finish. Concrete.

8" Down Front Face To Have Rubbed Finish. Concrete.
 All Concrete Curbs To Be Butt Jointed With Adjacent Items And/Or Materials

PRECAST CONCRETE CURB

Scale: 1" = 1'-0"



NOTES:
1. Concrete to be 4,000 PSI air—entrained,
super—plasticized concrete. Top to have rubbed finish.

POURED IN PLACE FLUSH CONCRETE CURB

| Scale: 1" = 1'-0"

Welded Bonnet Top
Sets Into Frame;
Secure In Place

1½"x%" Stl. Bar
28½"ø

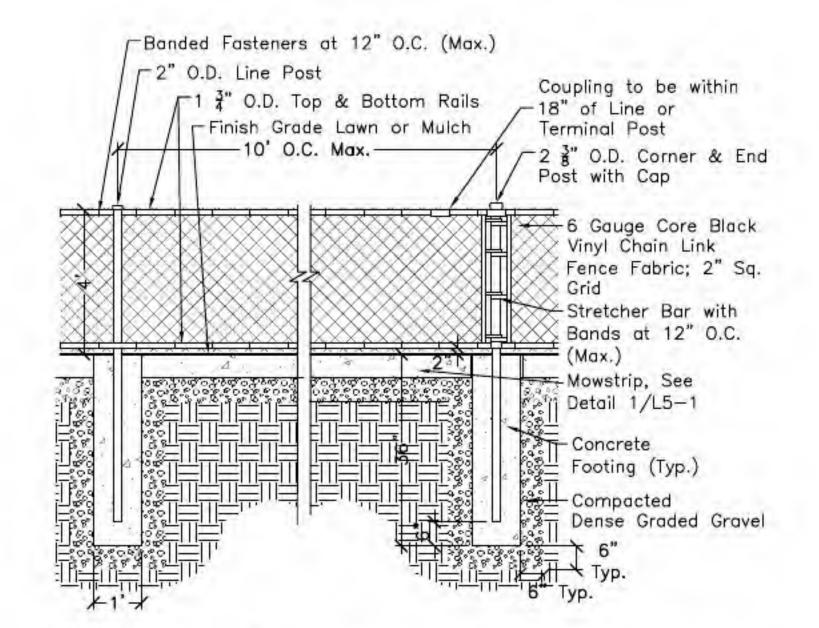
Conc. Pad
See 1/L5.0

NOTES:

SHOP DRAWINGS REQUIRED.
 Receptacle to be Steel Trash Receptacle with a welded bonnet top and a side opening door by Custom Fabrication (model # CFTR-003-02), or approved equal.

Receptacle to have a powder coat finish. Color to be black.
 All hardware to be stainless steel; anchor with tamperproof bolts.

6 TRASH RECEPTACLE WITH BONNET LID



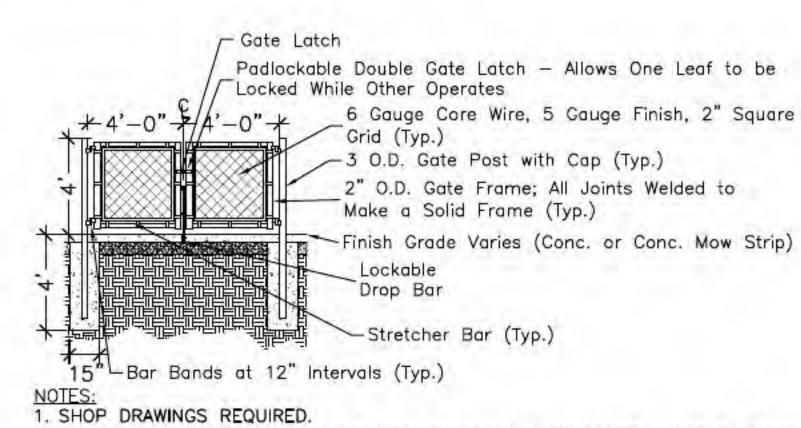
NOTES:

SHOP DRAWINGS REQUIRED.

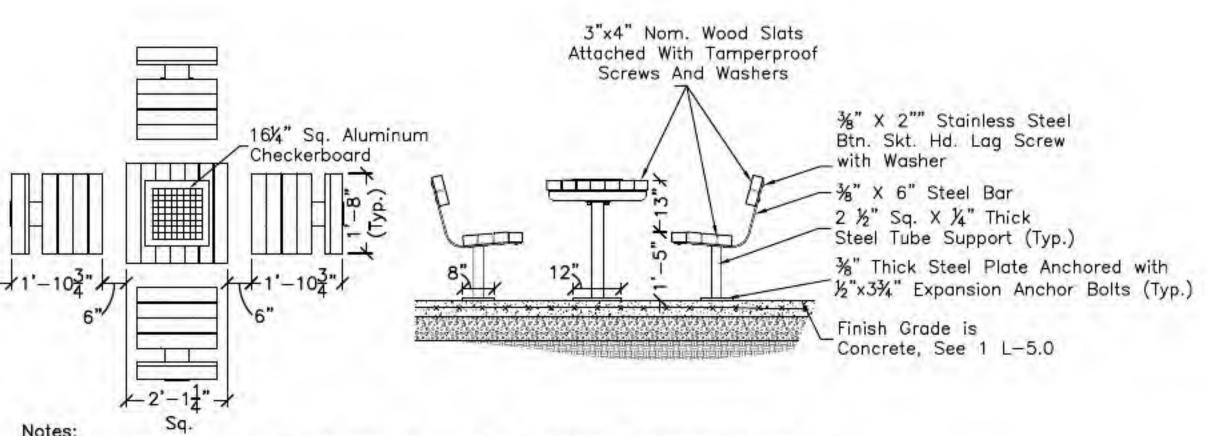
All fabric & fittings to be fusion bonded class 2 PVC coated. All fence fabric to be knuckle selvaged, top & bottom. Fabric shall be secureed with steel banded fasteners vinyl coated to match fence & placed 12" O.C. vertical & horizontal continuously along all rails &

4-FT HIGH BLACK CHAIN LINK FENCE - BASE BID

Scale: 1/2" = 1'-0"



SHOP DRAWINGS REQUIRED.
 All fabric & fittings to be fusion bonded class 2 PVC coated. See 4' chain link fence detail for further information.



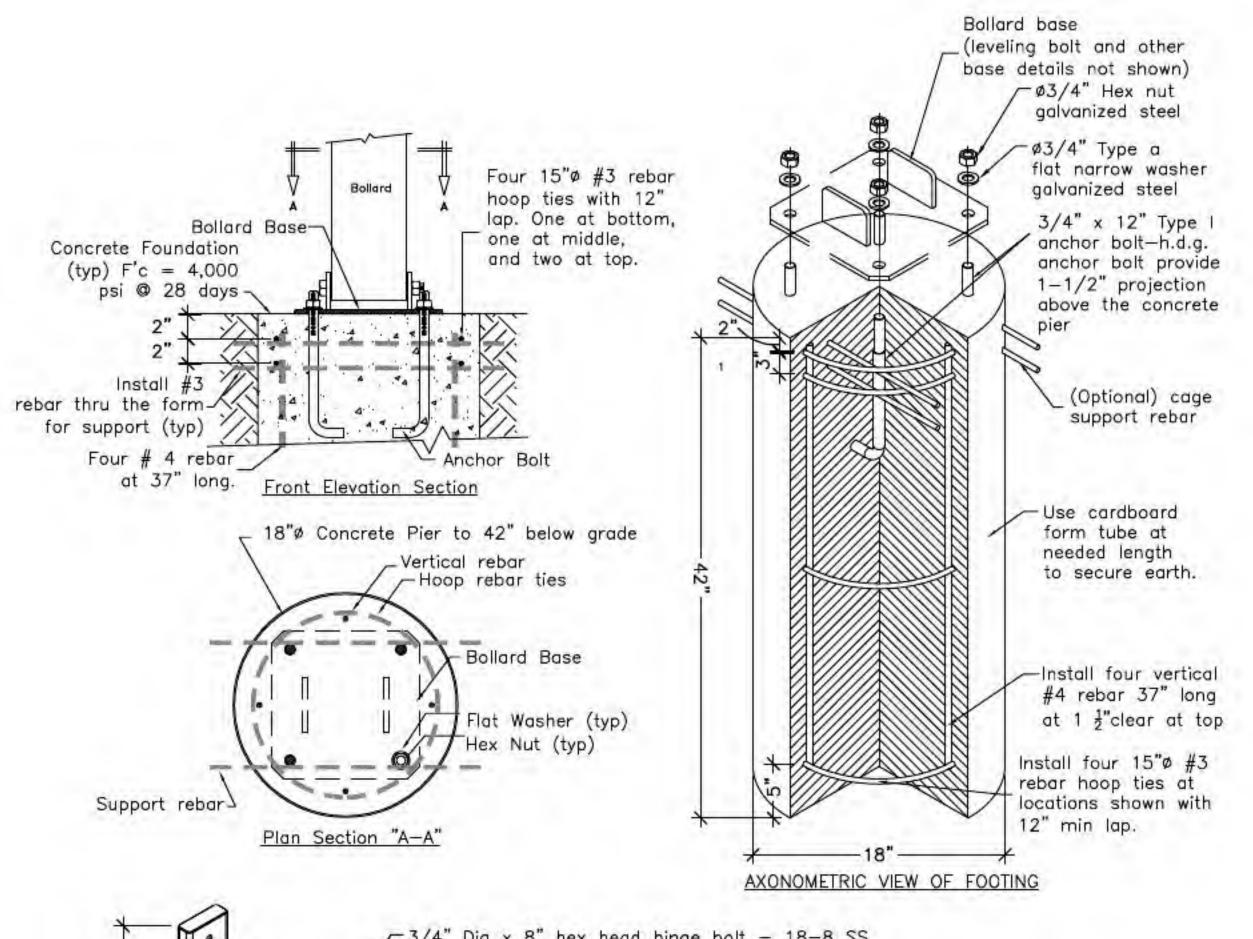
SHOP DRAWINGS REQUIRED. Mounting to be ADA—Compliant (Contractor to confirm).
 All Steel Members to have a powder coat finish.

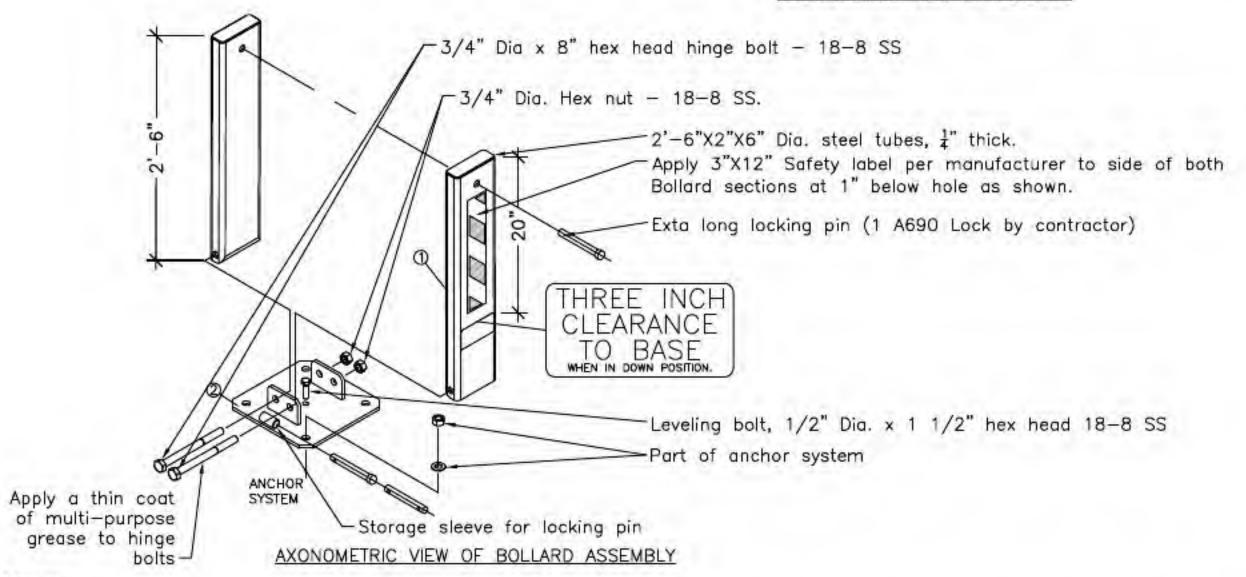
 Colors of Steel Members and Recycled Plastic Lumber for Slats to Match Benches, see
 7/L5.1. Colors to be selected by Owner and Landscape Architect from Manufacturer's Standard Colors.

All Hardware to be galvanized or stainless steel.
 See L-2.0 for number of chairs. One table to have four chairs, one table to have three chairs.

GAME TABLE

Scloe: 1/2" = 1'-0"





NOTES:

1. All Steel Work shall conform to the AISC "Specification for the Design, Fabrication and Erection of Structural Steel for Buildings" — Latest Edition unless noted on the dwg.

 All Welding shall be performed by qualified welders and shall conform to the American Welding Society ANSI/AWS D1.1— Latest Edition of the Structural Welding Code—Steel.

 All Material shall be new and shall be as noted on the drawing and/or in the Bill of Material. SS indicates Stainless Steel and HDG indicates Hot Dip Galvanized.

All Painting Work shall conform to the manufacturer's specification and installation instructions and the SSPC (Steel Stuctures Painting Council).
 All hole center dimensions shall have a tolerance of 1/16 inch± and other dimensions shall have a tolerance of 1/8 inch±

unless noted on the drawing.

6. All work shall be packaged and shipped per specific instructions by manufacturer.



Arlington, MA

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─½" X 3" Steel Bar

-11/16" Ø Hole; see notes

-in Place Rubber Safety

Compacted Processed Gravel

4" X 4" (Nom.) Recycled

36" X 5" Stainless Steel

-2 1/2" Sch. 40 Steel Pipe (Typ.)

Reset Existing

Benches

X X X

Finish Grade Concrete, See

Detail 1/L-x

Conc. Footing

Compacted

Compacted Subgrade

Hex. Hd. Lag Screw w Rubber Washer (Typ.)

-½" X 3" Steel Bar (Typ.)

Plastic Slats

Bit. Conc. or Poured

Surface, See Plan

4000 PSI Conc. Pad

-Compacted Subgrade

2. All steel members coated with zinc rich epoxy then finished with polyester powder

3. Color of steel members and plastic lumber to be selected by Owner and Landscape

4. Benches to be surface mounted by stainless steel anchor bolts, ½" Ø X 3.75" Length

With No Rocking Or Motion

-Finish Grade

(Min.), or according to Manufacturer's Specifications. Cut off bolts and paint color of

Architect from Manufacturer's standard colors.

BENCH - NEW & RESET EXISTING

Large Stones to be weathered. No exposed sharp corners.

3. Layout of Stones to be Directed by Landscape Arch. in Field.

SIDE VIEW ELEVATION

1'-0" Sq.

SIDE VIEW ELEVATION

RESET EXISTING PICNIC TABLE

NOTES:

1. Picnic table to be existing metal & plastic lumber table from on-site.

2. Install Table and Benches level & at same height/relationship to finish

1'-0"Sq.

SCALE: 3/4" = 1'-0"

grade as existing; set posts plumb.

3. Touch up any nicks or marks in paint.

Stones to be approved by Landscape Architect.

SHOP DRAWINGS REQUIRED.

steel members.

5. Shim to level.

BOULDER

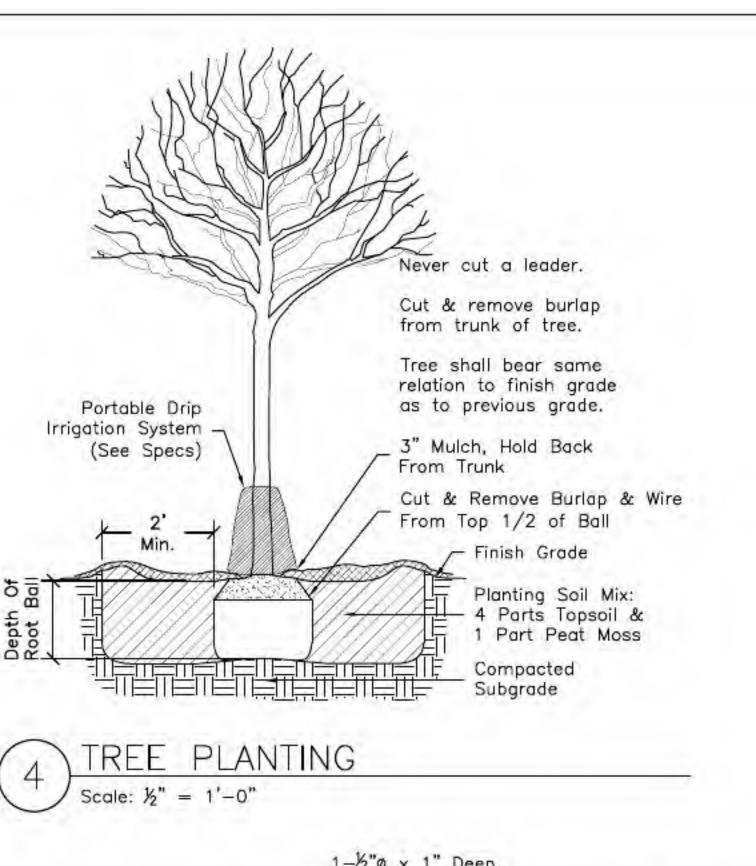
Scale: 1" = 1'-0"

(See Detail 1/L5.0)

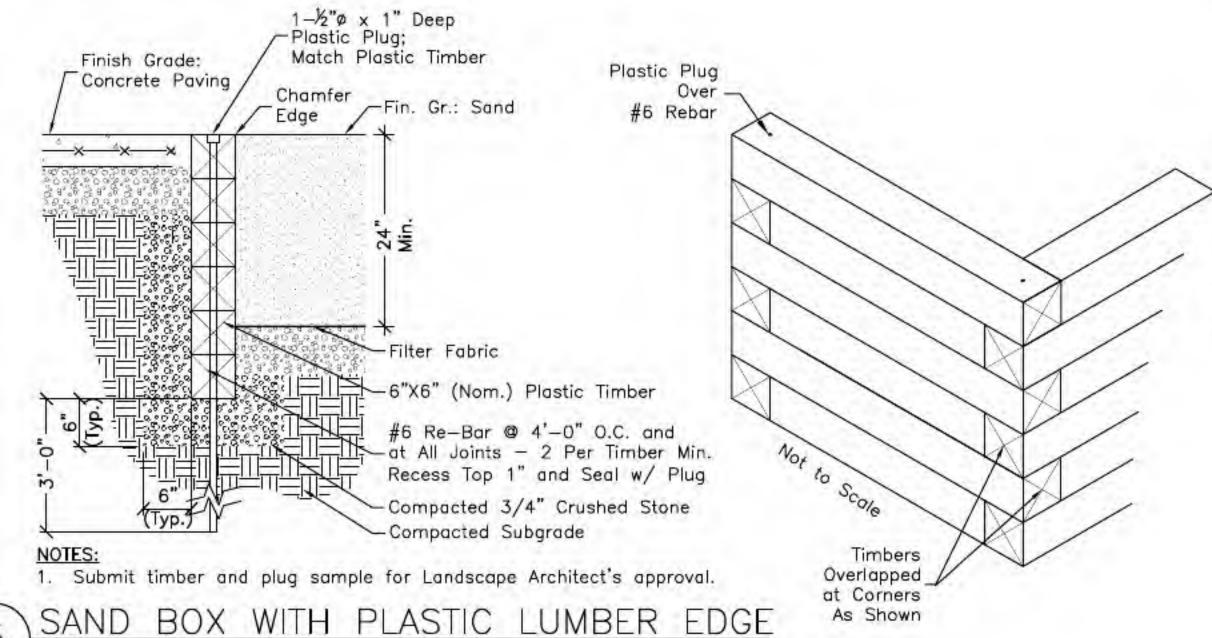
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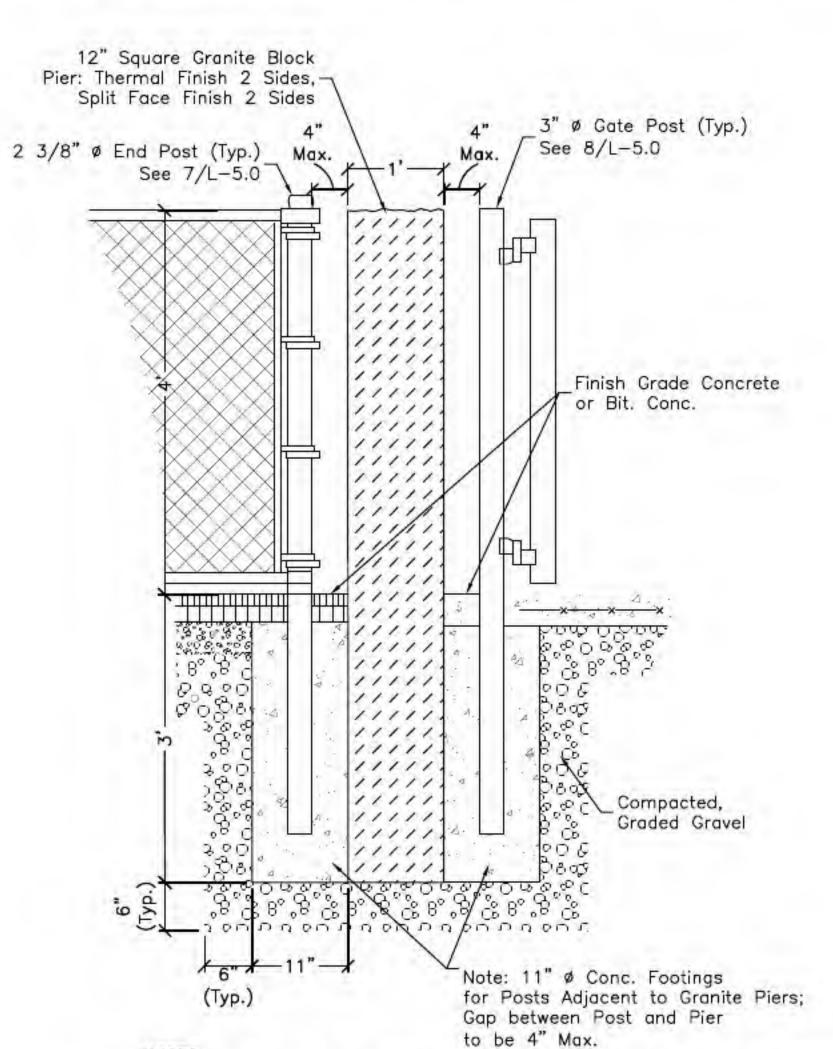


L5.



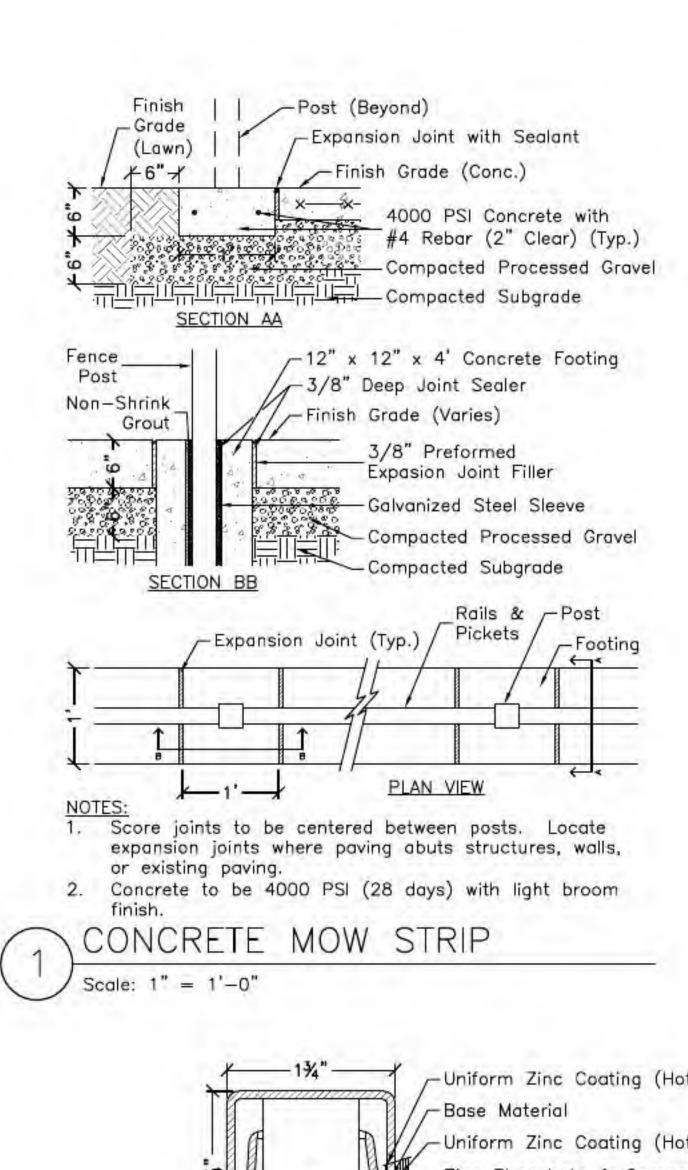
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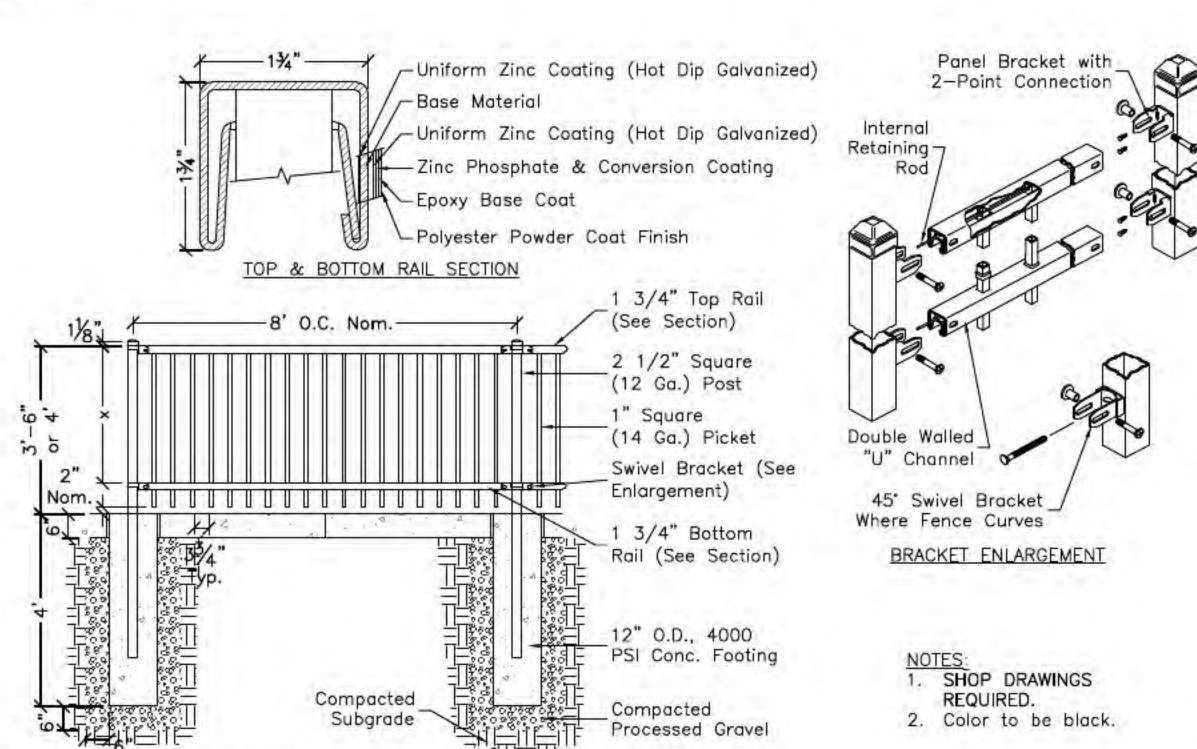


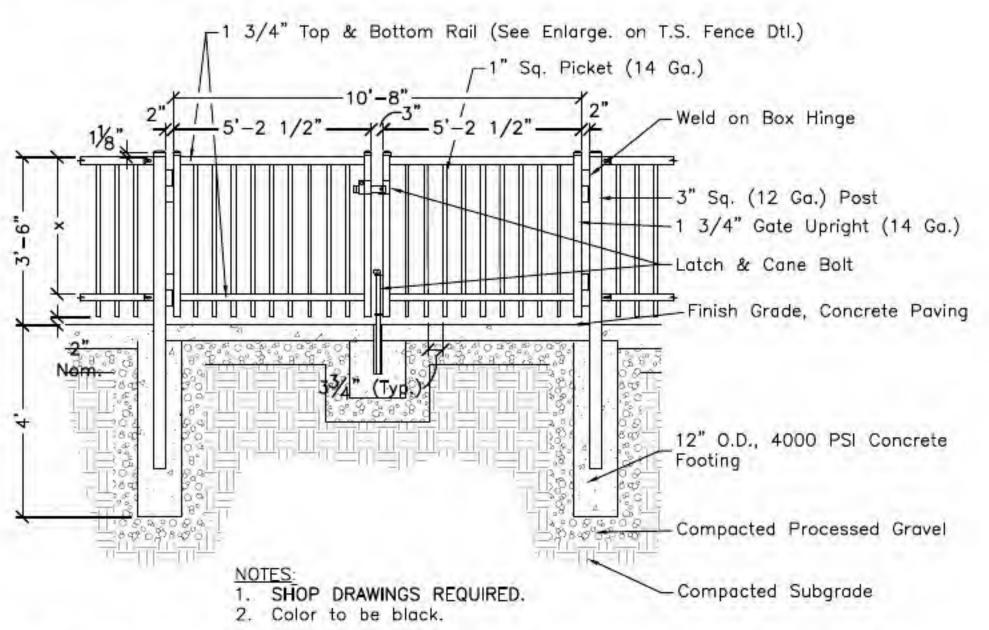


1. Granite to be "Woodbury Grey" from Swenson Granite Works of Concord NH or Approved Equal. Provide sample of granite for approval. (1) Pier to have relocated memorial plaque affixed to street side — client to specify pier.

GRANITE PIER (BASE BID - USED







TUBULAR STEEL FENCE - ADD. ALT #3

Scale: $\frac{1}{2}$ " = 1'-0"

TUBULAR STEEL DOUBLE GATE - ADD. ALT. #3 Scale: ½" = 1'-0"

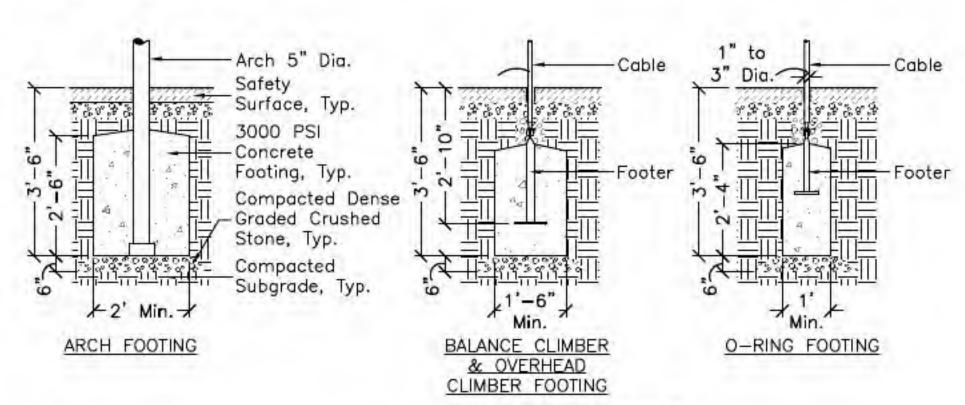
Scale: 1'' = 1'-0''

Notes:

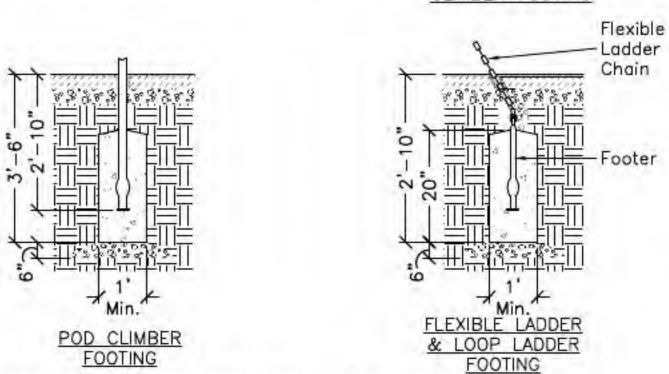
1. Rubber safety surface to meet federal code requirements for playgrounds. 2. Total rubber surface depths (wearing course and base course combined) indicated on the drawings are estimated thicknesses based on the rubber surface called PlayBound by the supplier Surface America, in Williamsville, NY (716) 632-8413 and the proposed play equipment. Contractor must verify that rubber surface depth critical height to be installed meets ASTM 1292 and all other applicable standards for all fall heights of play equipment as installed. The compacted graded gravel base is to be considered a hard surface when determining the critical height.

3. Provide color samples to Landscape Architect (see Specs); colors to be a mixture of two non-black standard colors selected by Landscape Architect. 4. System to use only aliphatic (non-aromatic) solvents in upper wearing surface.

POURED IN PLACE RUBBER SAFETY SURFACE



(4" Min. to 6" Max.)

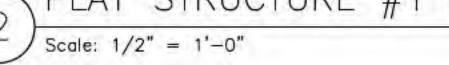


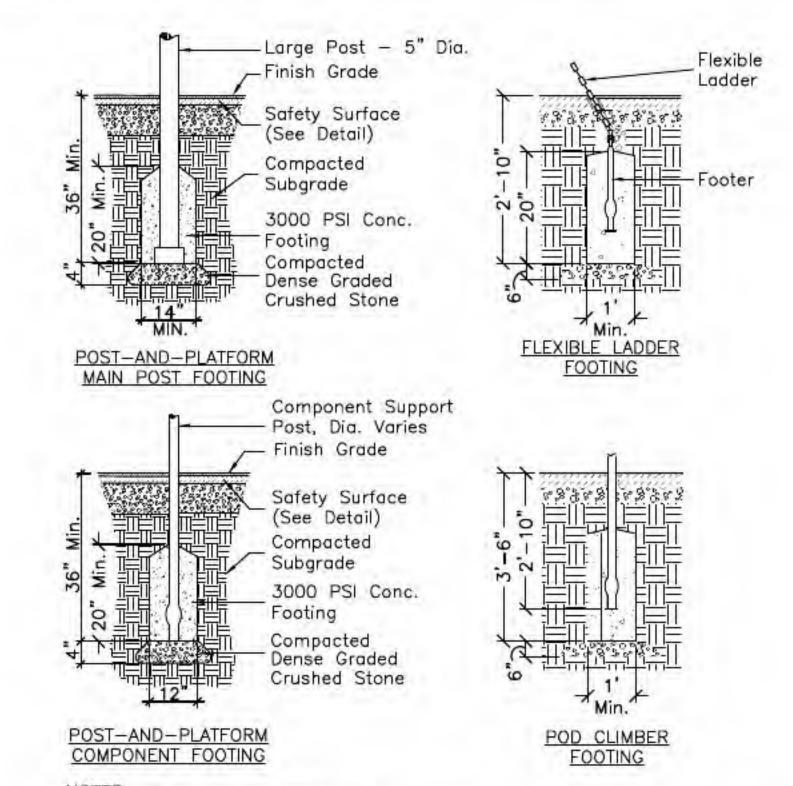
SHOP DRAWINGS REQUIRED.

Play equipment's safety zones to include only safety surfaces specified. Play equipment to be installed so safety zones do NOT overlap with walls, stairs, manholes, curbs, concrete paving, bituminous concrete paving, etc. Play equipment colors to be selected by

Landscape Architect. 4. Footings shown are representative of different footings required. Play Equipment and its footings must be installed per manufacturer's specifications.

PLAY STRUCTURE #1 POSTS





1. SHOP DRAWINGS REQUIRED.

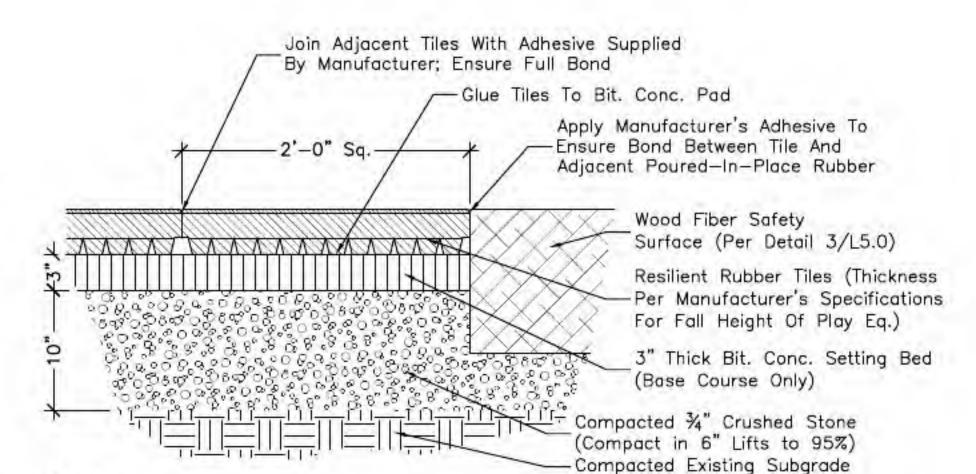
- Play equipment's safety zones to only include safety surfaces specified. Play equipment to be installed so safety zones do NOT overlap with walls, stairs, manholes, curbs, concrete paving, bituminous concrete paving, etc. Play equipment colors to be selected by Landscape Architect.
- 4. Footings shown are representative of different footings required. Play equipment and its footings must be installed per Mfr's specifications.

PLAY STRUCTURE #2 POSTS

Finish Grade Wood Fiber Safety Surface (5" Dia.) See 3/L5.0

NOTES:
1. SHOP DRAWINGS REQUIRED.

- 2. Play equipment's safety zones to include only safety surfaces specified. Play equipment to be installed so safety zones do NOT overlap with walls, manholes, curbs, paving, etc. 3. Colors to be selected by Landscape Architect.
- SWING POSTS Scale: 3/4" = 1'-0"



NOTES:

1. Resilient Surface Tiles shall be a pre-manufactured resilient surfacing tile composed of a molded post-consumer-recycled EPDM/polyurethane underlayment with a 3mm minimum thickness high-durability upper wearing course, "UltraTile" by SurfaceAmerica Inc. or Approved Equal. See Specifications.

- 2. Total Surface Depths indicated on plans are projected thicknesses based on proposed surfacing supplier and play equipment. Verify that critical height of surface at depth to be installed meets ASTM 1292 and all other applicable standards for all fall heights of play equipment as installed.
- 3. System shall be available in a range of color blends (not solids) in the upper wearing surface. Color blend(s) used to be selected from the full range of the manufacturer's standard colors as directed by Landscape Architect. Provide samples for approval. See Rubber Surface Layout Plan.

-Zipline

Cable

(Typ.)

RESILIENT RUBBER TILE WEARING PADS

Scale: 1½" = 1'-0"

4,000 PSI concrete

footing below rubber

4,000 PSI concrete

footing below rubber

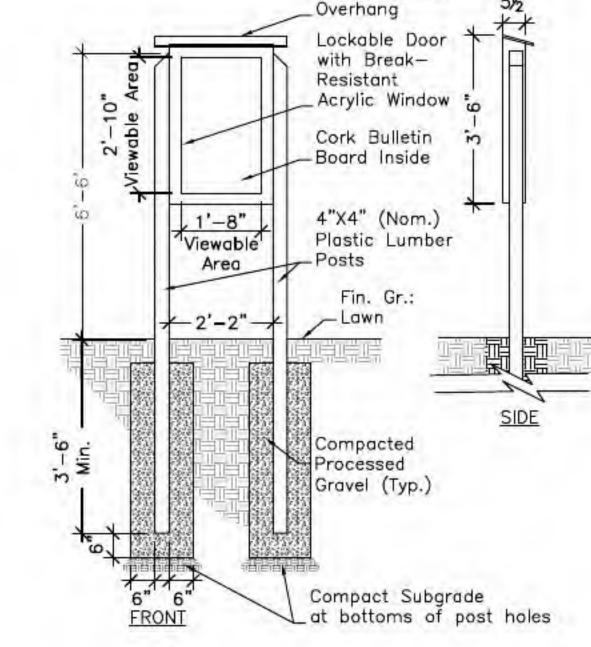
(typ.)

Steel Arch

(Typ.)

PLAN: RECEIVING END OF ZIPLINE

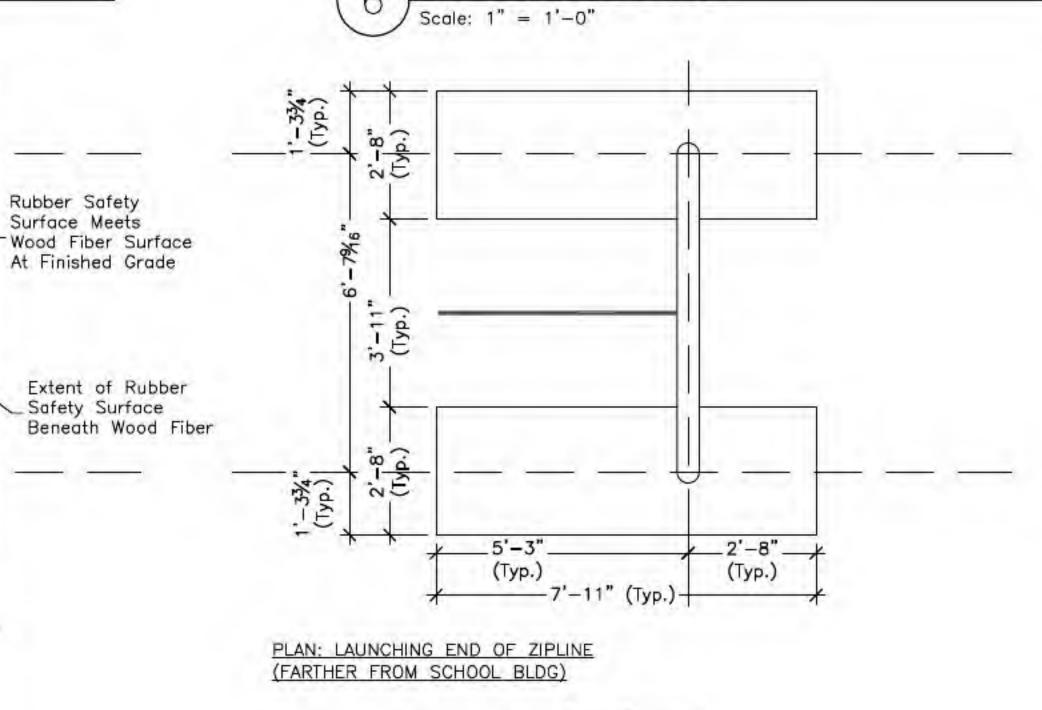
(NEARER SCHOOL BLDG)

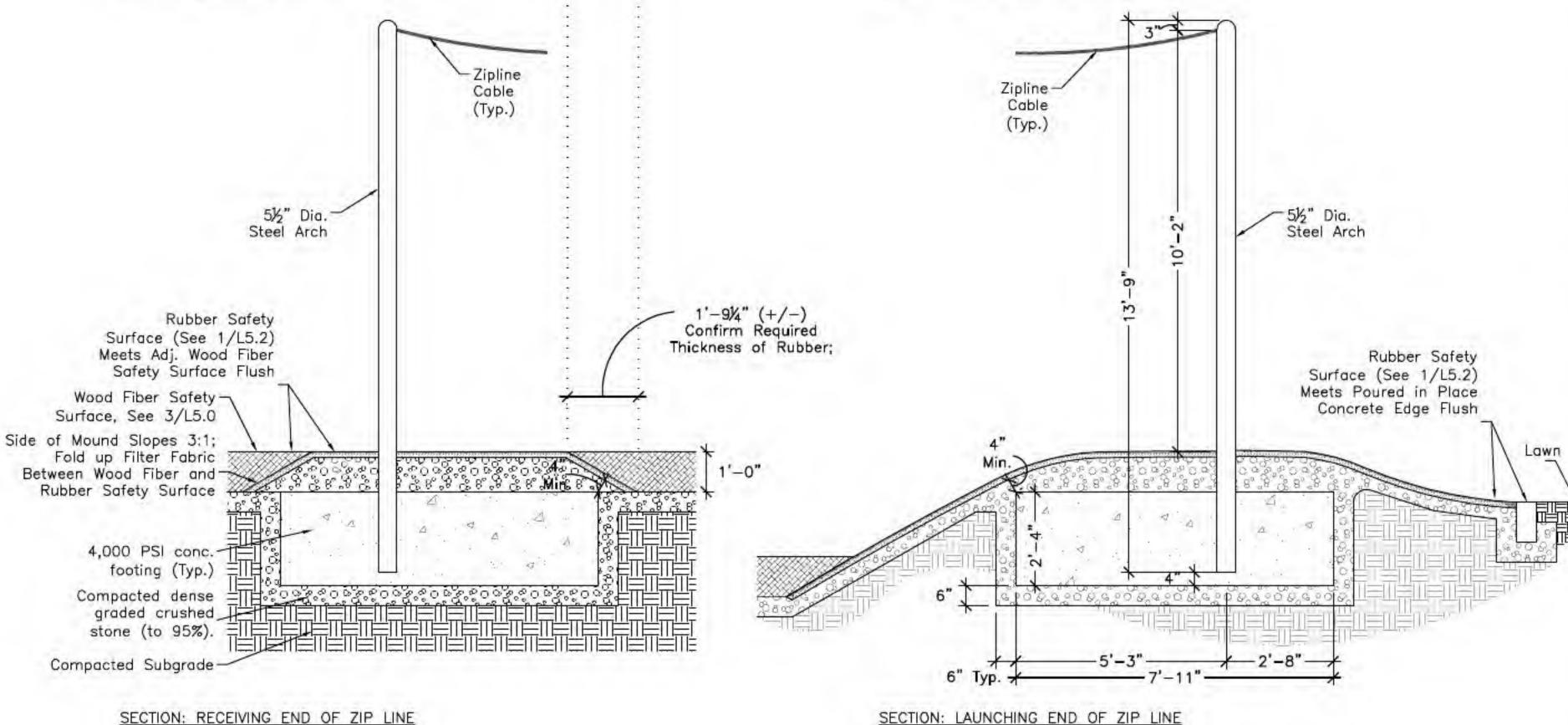


Front-Slanted Plastic Lumber

1. Item to be purchased as a unit and installed per manufacturer's specifications. 2. Color and finish to be selected by Landscape Architect from Manufacturer's standard range of

BULLETIN BOARD





Rubber Safety

Surface Meets

Safety Surface

NOTES:

SHOP DRAWINGS REQUIRED.

(NEARER SCHOOL BLDG)

- Install zipline posts & foundations per manufacturer's instructions.
- Play equipment's safety zones to only include safety surfaces specified. Play equip. to be installed so safety zones do NOT overlap with walls, manholes, curbs, paving, etc.

(FARTHER FROM SCHOOL BLDG)

See Notes about required thicknesses of Rubber Safety Surface at 1/L-5.0 Finish colors to be selected by Landscape Architect.

IPLINE FOOTING

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DATE: 04-03-2013 SCALE: FILE: Flo-details.dwg DWN BY: CKD BY: PROJ. #:



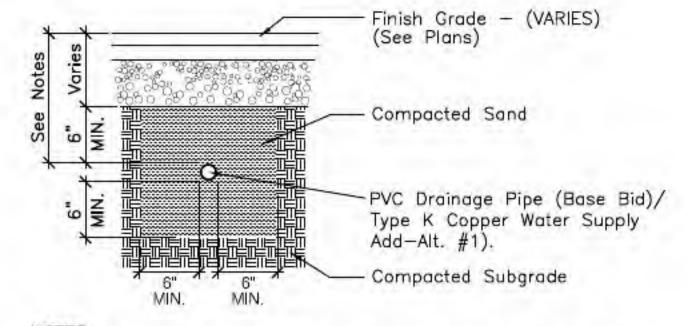
Coordinate area drains with Civil Engineers drainage plans. Add risers as required. 9" Square grate to be model #915, catch basin to be model #900 & risers (as needed)

to be model #916 from NDS (www.ndspro.com), or approved equal. Grate to be attached to catch basin with screw provided at time of installation.

Riser can be cut to achieve exact elevation. Do not use more than 5 risers with catch basin.

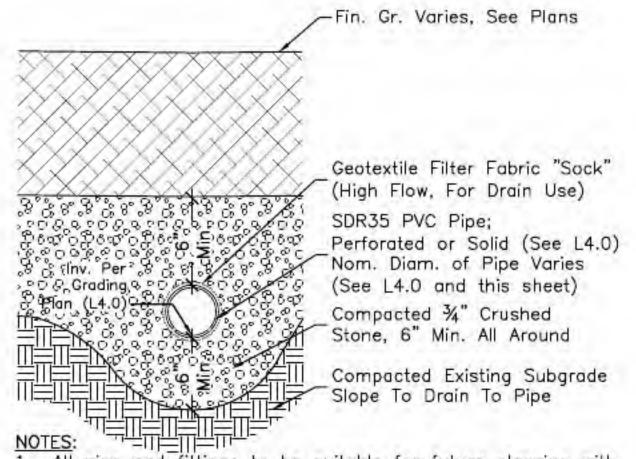
9" SQUARE AREA DRAIN WITH POLYPROPYLENE BASIN & RISER

Scale: 3" = 1'-0"



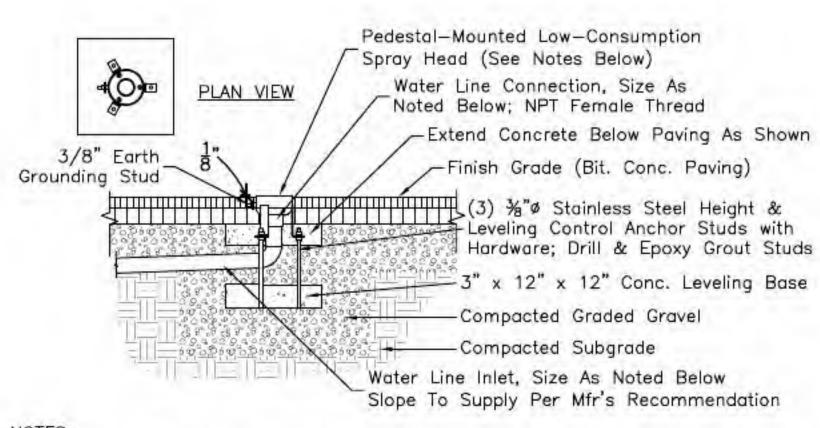
1. Water service supply to be 60" Minimum below Finish Grade, or as required by Codes. Adjust Depth of trench as required.

WATER SUPPLY (ADD-ALT. #1) Scale: 1" = 1' - 0"



and fittings to be suitable for future cleaning with a "snake." Connect to existing drain system.

PVC DRAIN PIPE



1. Jet Type A to be "Water Jelly N*1" VOR7010.0002 by Vortex or Approved Equal. Cap shall produce an inverted laminar bell spray pattern. Water Flow Rate

10−15gpm; Pressure 1−2 psi; Inlet Size 1½"ø. 2. Contractor to review details with Landsacpe Architect before installation.

PEDESTAL-MOUNTED WATER JETS (TYPE A) ADD. ALT #1

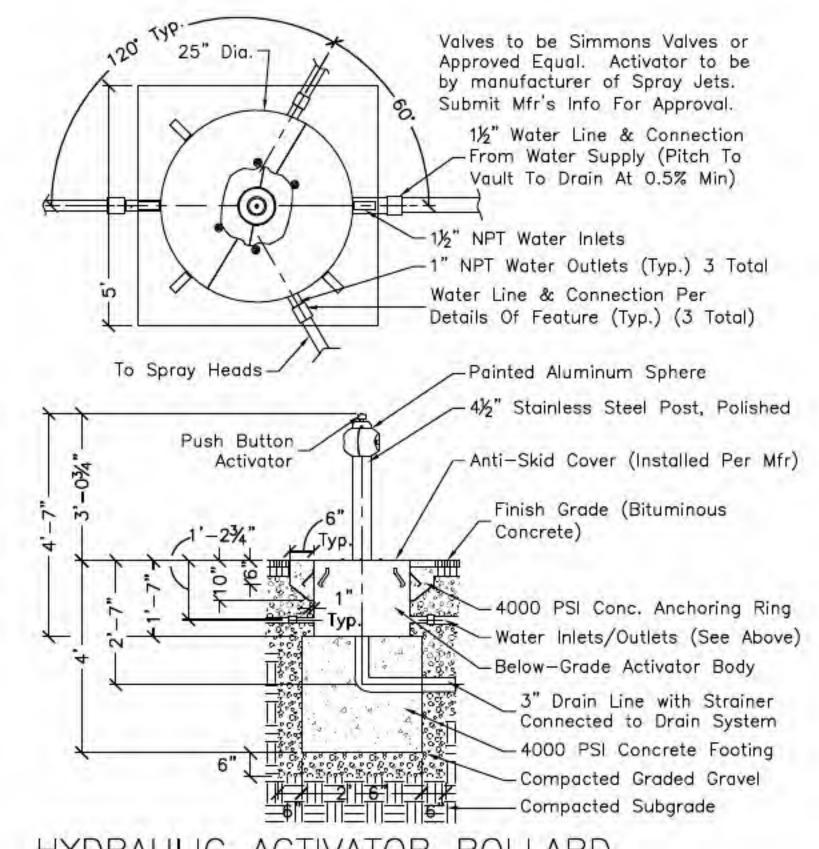
Tamper Resistant Brass Spray Cap, Low-Flow Option - Water Line & Connection ____ -Finish Grade (BitumInous Concrete Paving) -Concrete Around Housing As Shown -Tamper Resistant Brass Spray Cap PLAN VIEW Ground Spray Housed In 3"@ Stainless Steel Structural Tubing Water Inlet 1" NPT ₹ Water Line & Connection — Slope Per Mfr. 3/8" Electrical Grounding Stud With 2 Washers Stainless Steel Anchor Studs (3), 6 Nuts, -6 Washers (Supplied by Mfr.) Drilled and Epoxy Grouted For Height Control & Leveling -3" x 12" x 12" Conc. Leveling Base -Compacted Graded Gravel -Compacted Subgrade

1. Jet Type B to be "Ground Geyser" Smart—Flow VOR0301.0100 by Vortex or Approved Equal. Cap shall have a 10—hole radial spray pattern arranged at 5° from vertical. Water Flow Rate shall be 4—6gpm. Pressure shall be 5—10 psi.

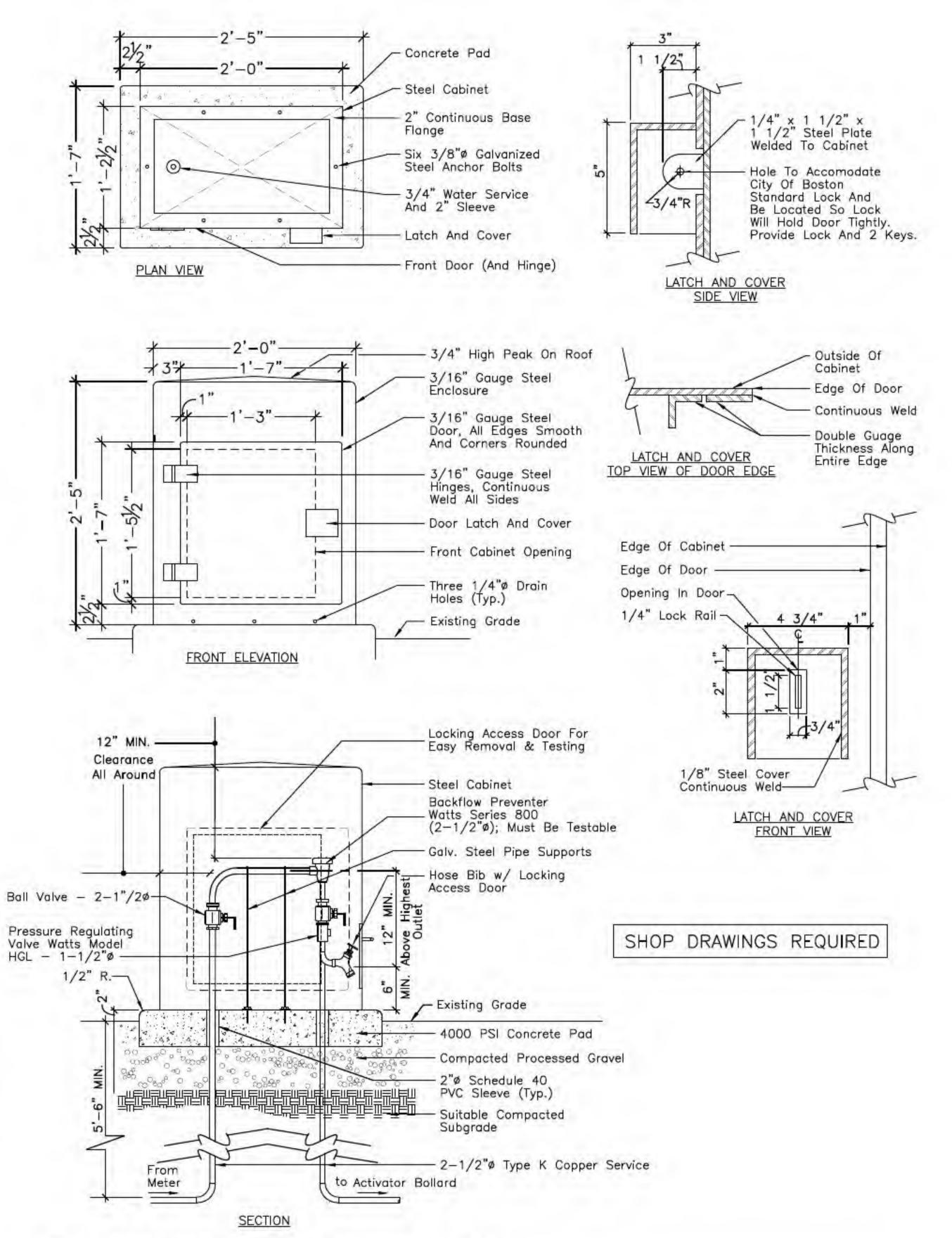
2. Detail to be reviewed by Landscape Architect before installation.

CYLINDER-MOUNTED WATER JETS (TYPE B)

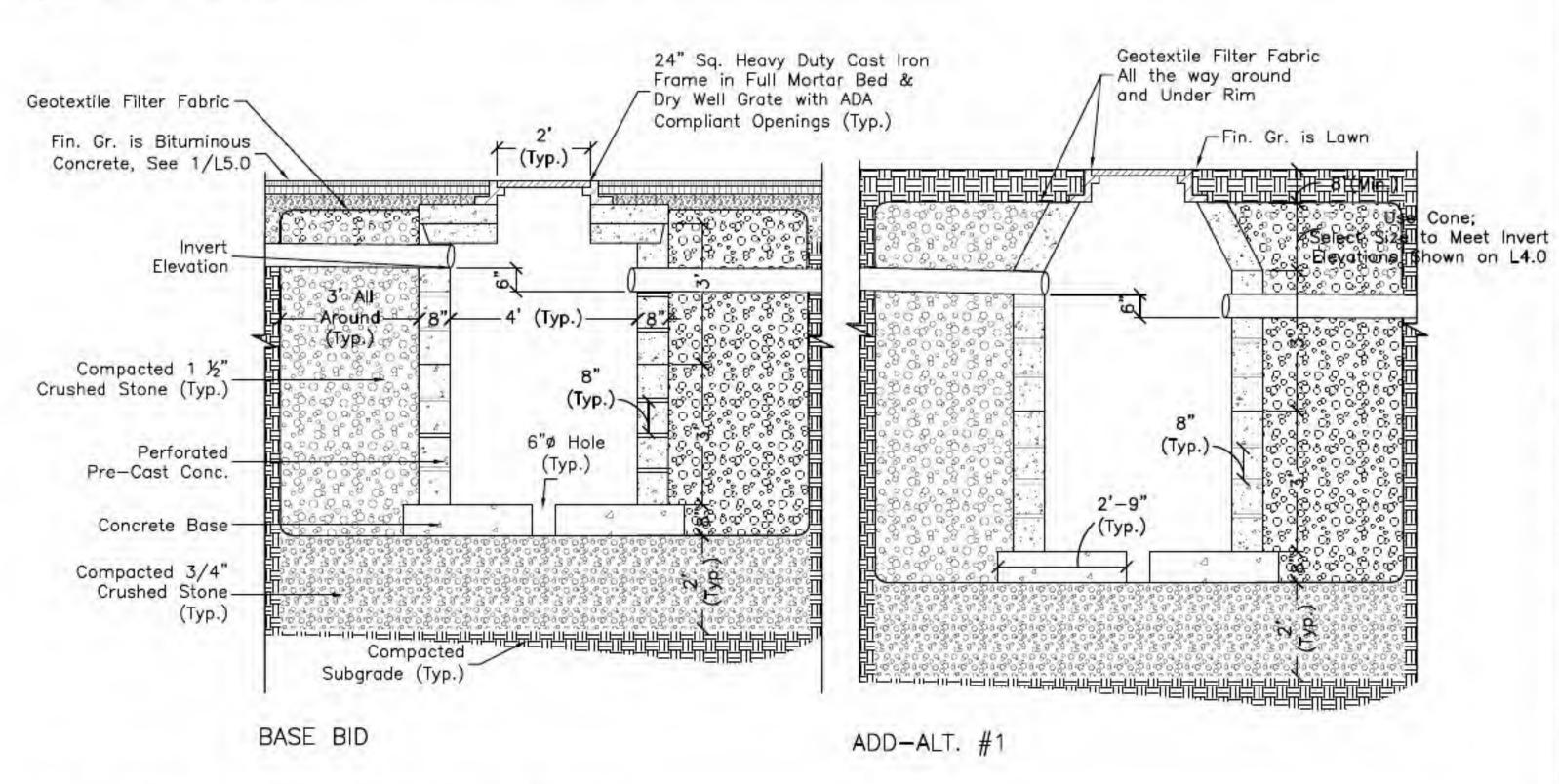
- ADD. ALT #1 Scale: 1" = 1'-0"



HYDRAULIC ACTIVATOR BOLLARD ADD. ALT #1







NEW LEACHING CATCH BASIN SCALE: 1/2" = 1'-0"

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Architects

DATE: 04-03-2013 SCALE: as noted FILE: Flo-details.dwg

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